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PTO/SB/21 (6/98)

Approved for use through 9/30/2000. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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OCT 19 2004

TRANSMITTAL FORM

(To be used for all correspondence after initial filing)

Total Number of Pages in this Submission:

Application No.	09/679,434
Filing Date	October 3, 2000
First Named Inventor	Peter Damron
Group Art Unit	2124
Examiner Name	Lawrence J. Shrader
Total Number of Pages in this Submission:	Attorney Docket No. SUN-P5369

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee attached	<input type="checkbox"/> Assignment Papers for an application	<input type="checkbox"/> After-Allowance Communication to Group
<input checked="" type="checkbox"/> Amendment/Response <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavit/Declaration(s)	<input type="checkbox"/> Letter to Official Draftsperson with Formal Drawings <input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Power of Attorney by Assignee, with Revocation of Former Powers	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure(s):
<input type="checkbox"/> Response to Missing Parts Notice/Incomplete Application	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Return Receipt Postcard
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Statement regarding Loss of Entitlement of Small Entity Status	<input type="checkbox"/> _____
	<input type="checkbox"/> Request for Refund	<input type="checkbox"/> Check for \$ _____

Remarks:

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Name	Daniel E. Vaughan (Registration No. 42,199)	Date	October 19, 2004
Signature		Telephone	650-474-1973
Address	702 Marshall Street, Suite 310, Redwood City, CA 94063	Facsimile	650-474-1976

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U. S. Postal Service as Express Mail (No. EV 548 596 475 US) or

First Class Mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313 on: October 19, 2004

Type or Printed Name	Daniel E. Vaughan	Signature	
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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

OCT 19 2004

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FEE TRANSMITTAL for FY 2005

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 0)

Complete if Known

Application Number	09/679,434
Filing Date	October 3, 2000
First Named Inventor	Peter Damron
Examiner Name	Lawrence J. Shrader
Group Art Unit	2124

Attorney Docket No. SUN-P5369

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number 50-1801
Deposit Account Name Park, Vaughan & Fleming LLP

- Charge any Additional Fee Required Under 37 CFR 1.16 and 1.17
 Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:

- Check Credit card Money Other Order

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 790	2001 395	Utility filing fee	
1002 350	2002 175	Design filing fee	
1003 550	2003 275	Plant filing fee	
1004 790	2004 395	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$ 0)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
18	-20** = 0	X	
Independent Claims 4	4 ** = 0	X	

Multiple Dependent

** or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 88	2201 44	Independent claims in excess of 3
1203 300	2203 150	Multiple dependent claim
1204 88	2204 44	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge – late filing fee or oath	
1052 50	2052 25	Surcharge – late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2520	1812 2520	Request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1840*	1805 1840*	Requesting publication of SIR after Examiner action	
1251 110	2255 55	Extension for reply within first month	
1252 430	2252 215	Extension for reply within second month	
1253 980	2253 490	Extension for reply within third month	
1254 1530	2354 765	Extension for reply within fourth month	
1255 2080	2255 1040	Extension for reply within fifth month	
1401 340	2401 170	Notice of Appeal	
1402 340	2402 170	Filing a brief in support of an appeal	
1403 300	2403 150	Request for oral hearing	
1451 1510	1451 1510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive – unavoidable	
1453 1370	2453 685	Petition to revive – unintentional	
1501 1370	2501 685	Utility issue fee (or reissue)	
1502 490	2502 245	Design issue fee	
1503 660	2503 330	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee for provisional applications	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 790	2809 395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 790	2810 395	For each additional invention to be examined (37 CFR 1.129(b))	
1801 790	2801 395	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify) _____			

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 0)

Complete (if applicable)

Name (Print/Type)	Daniel E. Vaughan	Registration No. (Attorney/Agent)	42,199	Telephone	650-474-1973
Signature	<i>Daniel E. Vaughan</i>			Date	October 19, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information & authorization on PTO-2038.

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AF) 2124
JRW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor : Peter Damron
Application No. : 09/679,434
Filed : October 3, 2000
Docket : SUN-P5369
Title : System and Method for Scheduling Instructions to Maximize Outstanding Prefetches and Loads

Group/Art Unit : 2124
Examiner : Lawrence J. Shrader

REPLY UNDER 37 C.F.R. § 1.111

Commissioner for Patents
Alexandria, VA 22313

Sir:

In response to the Final Office Action mailed September 15, 2004, please amend the subject application as follows and consider the corresponding Remarks.